## PTO/SB/05 (08-03) Approved for use through 07/31/2006. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Attorney Docket No. | 0.4407/4001 443 1103

## UTILITY PATENT APPLICATION **TRANSMITTAL**

First Inventor Lance G. Laing BIOSENSOR FOR SMALL MOLECULE

TICATOMIT IAL	ANALYTES					
(Only for new nonprovisional applications under 37 CFR 1.53(b))  Expr	for new nonprovisional applications under 37 CFR 1.53(b))  Express Mail Label No.					
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	MS Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450					
1. X Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing)  Applicant claims small entity status. See 37 CFR 1.27.  3. X Specification [Total Pages 51]  (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure  4. X Drawing(s) (35 U.S.C. 113) [Total Sheets 1]  5. Oath or Declaration [Total Sheets 2]	7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  a. Computer Readable Form (CRF)  b. Specification Sequence Listing on:  i. CD-ROM or CD-R (2 copies); or ii. X Paper  c. X Statements verifying identity of above copies  ACCOMPANYING APPLICATION PARTS  9. Assignment Papers (cover sheet & document(s))  10. 37 CFR 3.73(b) Statement (when there is an assignee)  11. English Translation Document (if applicable)  12. X Information Disclosure Copies of IDS Statement (IDS)/PTO-1449  Copies of IDS Citations					
a. Newly executed (original or copy)  b. X Copy from a prior application (37 CFR 1.63(d))  i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).  13. Preliminary Amendment  14. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  15. Certified Copy of Priority Document(s) (if foreign priority is claimed)  16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.  17. X Other: Statement Pursuant to Rule 1.821(f); copy of Sequence Listing; check in the amount of \$375.						
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:  Continuation X Divisional Continuation-in-part (CIP) of prior application No.: 10/222,952  Prior application information: Examiner Not Yet Assigned Art Unit: N/A  For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The Incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. CORRESPONDENCE ADDRESS						
X Customer Number: 07278	OR Correspondence address below					
DARBY & DARBY P.C. Paul F. Fehlner, Ph.D.						
Address P.O. Box 5257						
City New York State	NY Zip Code 10150-5257					
Country US Telephor	re (212) 527-7700 Fax (212) 753-6237					
Name (Print/Type) Paul F. Fehlner, Ph.D.	Registration No. (Attorney/Agent) 35,135					
Signature Paul F Falle	Date September 30, 2003					



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FEE TRANSMITTAL		Applica	ation !	Numba		ot Yet Ass								
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Effective 10/01/2003, Patent fees are subject to annual revision.				Invent	···									
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Applicant claims small entity status. See 37 CFR 1.27	Art Unit				N/									
TOTAL AMOUNT OF PAYMENT (\$) 375.00		Attome	y Doo	ket No.	. 04	4107/100L443-US3								
METHOD OF PAYMENT (check all that apply)	T		FEE CALCULATION (continued)											
X Check Credit Money Other None	3. ADDITIONAL FEES													
Deposit Account:	Larg	e Entity	Small	Entity										
Deposit Account Number	Fee	Fee (\$)	Fee Code	Fee (\$)		Fee Description Fee Pa								
Deposit Dorby & Dorby P.C	1051	130	2051	65	-	ge – late filing fee or oath								
Darby & Darby P.C. Name The Director is authorized to: (check all that apply)	1052	2 50	2052	25	Surcharge – late provisional filing fee or cover sheet.									
Charge fee(s) indicated below X Credit any overpayments	1053	3 130	1053	130	Non-English specification									
Charge any additional fee(s) during the pendency of this	1812	2 2,520	1812	2,520	For filing a request for ex parte reexamination									
application	1804	4 920*	1804	920*	Requesting publication of SIR prior to									
Charge fee(s) indicated below, except for the filing fee			1805	1 840* Requesting publication of SIR after										
to the above-identified deposit account.	180		1		Examiner aci	caminer action tension for reply within first month								
FEE CALCULATION	125		2251 2252		Extension for									
1. BASIC FILING FEE	125 125		2252		Extension for									
Large Entity Small Entity  Fee Fee Fee Fee Fee Description Fee Paid	125		2254		Extension for									
Code (\$) Code (\$)	1													
1001 770 2001 385 Utility filing fee 375.00	125		2255		Notice of App	on for reply within fifth month								
1002 340 2002 170 Design filing fee	140		2402			g a brief in support of an appeal								
1003 530 2003 265 Plant filing fee	140		2403			equest for oral hearing								
1004 770 2004 385 Reissue filing fee  1005 160 2005 80 Provisional filing fee	145		1451	1,510	Petition to institute a public use proceeding									
	2003 50 Pickisional limity to 1452 110 2452 55 Petition to revive – unavoidable													
SUBTOTAL (1) (\$) 375.00	145	3 1,330	2453	665	Petition to re	evive - uninter	itional	<u> </u>						
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	150	1,330	250	1 665	Utility issue	ssue fee (or reissue)								
Extra Fee from Claims below Fee Paid	150	2 480	250	2 240	Design issue	e fee								
Total Claims 4 -20** = x = 0.00	150	03 640	250	3 320		Plant issue fee								
Independent 1 -3** = X = 0.00	146	50 130	1460	0 130	Petitions to	etitions to the Commissioner								
Claims Multiple Dependent	180	07 50	180	7 50	_	rocessing fee under 37 CFR 1.17(q)								
Large Entity Small Entity	18	06 180	180	6 180			n Disclosure Stmt							
Fee Fee Fee Fee Description	80.	21 40	802	1 40	property (tin	ecording each patent assignment per operty (times number of properties)								
Code (\$) Code (\$)	18	09 770	280	9 385	Filing a sub	a submission after final rejection								
1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3	-		ļ		(37 CFK 1.	FR 1.129(a)) ach additional invention to be								
1203 290 2203 145 Multiple dependent claim, if not paid	18	10 770	281		examined (	d (37CFR 1.129(b))								
1204 86 2204 43 ** Reissue independent claims	18	01 770	280		Paguest for	est for Continued Examination (RCE)								
over original patent  1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent		1802 900 1802 900 Request for expedited examination of a design application  Other fee (specify)												
SUBTOTAL (2) (\$) 0.00	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0.00													
**or number previously paid, if greater; For Reissues, see above  (Complete (if applicable))														
SUBMITTED BY	Re	Registration No. 35 135					Telephone (212) 527-7665							
Name (Print/Type) Paul F. Fehlner, Ph.D. (Attorney/Agent) 33, 103														
						Date	Date September 30, 2003							

Express Mail kabel No. 75045	Dated: 9/30/03

Attorney Docket No.: 04107/100L443-US3

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each submitted paper.

Application Data Sheet (2 pages)

Specification (48 pages) 18 drawings (15 sheets) Oath or declaration (2 pages)

Information Disclosure Statement (3 pages)

PTO/SB/08A (3 pages)

Copy of Statement Pursuant to Rule 1.821(f); copy of Sequence Listing;

Utility Patent Application Transmittal (1 page)

Application Data Sheet (2 pages

Fee Transmittal (1 page)

Check in the amount of \$375.00

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